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RECORD

Vol. 9 No. 37/Sept. 13, 1984



John Kardos, Ph.D., director of the Materials Research Laboratory, displays a model of a small diameter synthetic vein graft. Kardos was part of a WU research team that worked on ways to overcome the problem of blood clots in synthetic veins with diameters of three millimeters or less. This research could lead to faster, cheaper and easier coronary bypass surgery.

Man-made vein

WU researchers making headway in heart surgeons' stumbling blocks

A man-made vein on the drawing board at WU could reduce the risk, time and cost of coronary bypass surgery, according to researchers. The small-diameter synthetic vein is intended to replace "nature's spare part," as surgeons call a tiny vein that runs the length of the thigh and is now used in the life-saving operations.

In an estimated 15 percent of coronary artery disease victims, an adequate length of leg vein is unavailable due either to disease or previous operations. A synthetic vein developed for these patients could supplant the thigh vein as the surgeon's first choice, thereby eliminating the trauma and expense of leg surgery.

Prosthetic vascular grafts (PVGs) have been used successfully in lower limb reconstruction, kidney surgery and other operations. But the diameters of those grafts are relatively large. Heart surgery requires grafts of spaghetti-thin dimensions — less than three millimeters. The challenge for researchers is getting these tiny PVGs to remain unclogged as long as or longer than native vein grafts.

The need for a reliable synthetic graft is so pressing that the National

Institutes of Health has requested research proposals on small diameter PVGs from the scientific community at large.

For the surgeon, a good PVG would mean a more tailored operation. "When you're harvesting veins from the leg, you have no choice as to diameter," says Jon Moran, M.D., assistant professor of cardiothoracic surgery at the School of Medicine. "You have to take what you can get, then nip and tuck it into place. With an adequate PVG, you could have a variety of sizes and ensure a perfect fit."

To date, researchers have had problems in three major areas: clotting at the junction of the graft and the native vein, clumping of blood cells and proteins on the graft's inner wall, and administering the anti-clotting drugs precisely at the site of the graft.

John Kardos, Ph.D., director of Materials Research Lab, determined that the clotting was partly due to a mismatch of properties. "No wonder they were clotting," he says. "It was like trying to patch a garden hose with a steel pipe." Kardos uses polyetherurethane, a material with

mechanical properties similar to those of the native vein.

Richard Clark, M.D., formerly of WU and currently chief of surgery at the Heart, Lung and Blood Institute of the National Institutes of Health, suggested a type of microscopic etching called ion-thrusting to address the problem of blood particles attaching to the graft's inner wall. Clark proposed using high velocity ions to etch geometric patterns into Kardos' material. "That wouldn't stop the blood particles from attaching to the wall," he says, "but it should make them cling in a rather ordered and monolayered pattern rather than in random clumps. So the chance of clotting would be reduced."

Still, even the best PVG lacks a lining of endothelium, the body's own defense against blood clots. That's why anti-clotting drugs are almost always administered after bypass surgery to help the grafted vein stay open.

Enter Robert Sparks, Ph.D., professor of chemical engineering, and Norbert Mason, Ph.D., senior research associate. On the PVG's inner wall, they trapped anti-clotting drugs

Continued on p. 2

Holtzman reviews future of women in politics

Former U.S. Congresswoman Elizabeth Holtzman will speak on "The Future of American Women in Politics" at 11 a.m. Wednesday, Sept. 19, in Graham Chapel. The lecture, which is free and open to the public, is sponsored by the Assembly Series, the Women's Programming Board and Student Union.

Holtzman made history in 1981 when she was elected the first woman district attorney in New York City. She has served as district attorney of Kings County since she took office January 1, 1982. It was, however, not the first time she had broken new ground. When she was elected to the U.S. House of Representatives in 1972, she was the youngest woman ever chosen for that office.

During her four terms of office in Congress, Holtzman was a member of the Judiciary Committee and served as the chair of the Subcommittee on Immigration, Refugees and International Law. She participated in the Judiciary Committee's deliberations on the impeachment of former President Richard Nixon, and took part in the questioning of then President Gerald Ford about the Nixon pardon.

As a Congresswoman, she won international attention for forcing the Justice Department to create a special unit to locate, investigate and deport alleged Nazi war criminals. More than 20 deportations were ordered and 200 cases were investigated as a result of the creation of this unit.

In 1977, she helped found the first Congresswoman's Caucus, which is a bipartisan group dedicated to improving the legal and social status of women. She also authored the legislation extending the deadline for ratification of the Equal Rights Amendment.

In 1980, Holtzman was New York's first woman nominated to the Senate, losing the election by less than one percent of the six million votes cast.

She received a bachelor's degree, magna cum laude, from Radcliffe and a law degree from Harvard Law School.



Elizabeth Holtzman



Cut Loose. Homecoming fun begins at 9 p.m. Thursday, Sept. 20, with an evening of music and dancing — "Turn it Loose Night" — at the Rathskeller and Gargoyle. Because the Jewish high holiday Rosh Hashanah falls on Sept. 27 of homecoming weekend, the opening night event is being held the preceding week. Everyone is invited to resume homecoming activities at noon Friday, Sept. 28, and "Cut Loose in the Bowles," with refreshments and entertainment. A pep rally/bonfire will be held at 7:30 p.m. in The Swamp, followed by a float building party at Wohl Center. Homecoming continues Sept. 29 with a parade through University City and a tailgate party at the Francis Field Gate. The football Battling Bears will go after the Rhodes College Lynxcats at 7 p.m. Homecoming winds up at 9:30 p.m. with a dance. Complete details will be in the Sept. 20 *Washington University Record*.

Volunteers needed for study on coping with chronic pain

New techniques on how to cope with chronic pain are being offered at no cost to volunteers willing to participate in a program sponsored by WU's Department of Psychology.

The program is limited to individuals with many types of chronic pain problems of four months' duration or longer, and who can make a 10-week commitment.

According to Robin Puder, a clinical psychologist in advanced stages of training, the learning strategies which will be taught here have proven to be successful, and there are no known risks or adverse effects. Each participant's physician will be contacted.

The cognitive behavioral treatments include training in relaxation, deep breathing, coping strategies for pain control, sharing experiences, and learning new attitudes toward coping with the pain experience.

This program has been fully approved by the WU Standard Committee on the Use of Human Subjects. For more information about the Chronic Pain Treatment Program, contact the project director, Robin Puder, at 889-6386.

Chinese students exhibit architecture

An exhibit titled "Designs by Architecture Students in Taiwan, Republic of China," will open Wednesday, Sept. 19, in the first floor corridor of WU's Givens Hall.

In conjunction with the exhibit, two Chinese architects will speak on "An Introduction to Chinese Archi-

itecture and Architectural Education in Taiwan" at 7:30 p.m. in Steinberg Auditorium. The lecture is free and open to the public.

The exhibition contains 29 panels which illustrate various building problems and projects designed by architecture students in Taiwan. Sponsors of the show are the International Chinese Architecture Society, a group of Chinese architects and scholars working and studying in the St. Louis area; the Magazine of Chinese Architects; and WU's School of Architecture.

The exhibition will hang through Oct. 7. Viewing hours are 9 a.m. to 6 p.m. weekdays. For information, call 889-6200.

RECORD

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WU United Way drive sets \$120,000 goal

A year ago, Leona Gast's infirmities nearly forced her to give up her home of 60 years to live in a nursing home. Then a "good neighbor" stepped in to help Leona retain her independence. Leona's "good neighbor," Margaret Franks, is one of 170 workers of the Lutheran Altenheim Society, a United Way agency which provides more than 7,000 hours of service a week to about 200 elderly people in the St. Louis metropolitan area.

Last year, more than 950,000 people in Missouri and Illinois used the services of a United-Way-supported agency. One person but of every four living in the St. Louis area was helped by 112 agencies providing health, social welfare and community services.

The United Way of Greater St. Louis began its 1984 fund drive on Thursday, Sept. 6, with a goal of raising \$32.16 million. The general campaign chairman is H. Edwin Trusheim, who also is president and chief executive officer of General American Life Insurance Co., and a WU trustee.

WU's campaign begins Wednesday, Sept. 19, with a kick-off breakfast in Wohl Center. Chancellor William H. Danforth, chairman of the United Way Board of Directors, will welcome more than 90 volunteer solicitors representing WU departments. The volunteers will then visit a United Way agency to see, first-hand, how United Way funds are used.

"Washington University received an Outstanding Achievement Award last year for having met its United Way goal," said Thomas A. Harig, di-

rector of Purchasing and General Services and chairman of the WU United Way campaign. "Our goal for 1984 is \$120,000, which is well within reach if all WU employees take the opportunity to participate.

"Last year, 963 employees contributed to the United Way campaign — only 21 percent of our full-time employees. The gifts, however, were very generous, totaling a record \$116,495. This year, we are hoping to greatly increase participation — remember, no gift is too small."

Only eight cents out of every dollar contributed is spent on administrative and fund-raising costs, making the United Way one of the most cost-effective charitable fund-raising organizations in the United States. WU's Child Guidance Center, the Central Institute for the Deaf and the Campus Y all receive United Way funds.

Pledge envelopes will be distributed among faculty and staff members after Sept. 19. The departmental representatives will answer questions about the campaign and follow up on outstanding pledge cards.

Pledges also may be deducted regularly from paychecks or mailed directly to United Way, Campus Box 1069. All pledge information is confidential and gifts are tax-deductible. Donations may be made to specific United Way agencies.

"When you receive your United Way pledge card this year, remember that this is your opportunity to put something back into the community and, in essence, say thanks for all the blessings you enjoy," said Harig.

Man-made vein—*continued from p. 1*

which could be dispensed for weeks or even months after the operation. "It works something like a paint which keeps the barnacles from clinging to the hull of a ship," says Sparks.

Though this technique has never been used on human subjects, this

"controlled drug release" technology may be the key to keeping synthetic grafts open and functioning. "The material and the etching are both advances," says Kardos. "But without the time-released drugs, there's no Holy Grail."

Paul Dusseault

Preserving history of black women is W.E.B. DuBois lecture series topic

Bettye Collier-Thomas, executive director of the Bethune Museum-Archives Inc. in Washington, D.C., will open the W.E.B. DuBois lecture series at 3:30 p.m. Wednesday, Sept. 19, in 100 Busch Hall on campus.

Collier-Thomas will speak on "Writing and Preserving the History of Afro-American Women: Problems and Prospects." The lecture, sponsored by the University's Black Studies Program, is free and open to the public.

Collier-Thomas has published in the *Journal of Negro History* and other periodicals. She is a former Ford Foundation Fellow, Atlanta University Presidential Scholar, and a member of the Alpha Kappa Mu national honor society.

The Bethune Museum-Archives, a non-profit cultural institution, is the only repository in the country solely devoted to the collection and preser-

vation of materials relating to black women in America.



Bettye Collier-Thomas

NOTABLES

Donald R. Calvert, Ph.D., director of Central Institute for the Deaf (CID) and professor of audiology, just published a *Parents' Guide to Speech and Deafness*. Written for parents of hearing impaired children, the book also is useful to professionals in related fields who must deal with problems of deaf children. The book is available through CID.

Joe F. Evans, associate vice chancellor for business affairs, was elected vice president/president-elect of the National Association of College and University Business Officers (NACUBO) for 1984-85 at the association's annual meeting in Chicago July 8-11. Evans served as president of the Central Association of College and University Business Officers (CACUBO) in 1982-83 before joining the NACUBO Board of Directors.

James W. Fitzgibbon, professor of architecture, gave the gallery talk which opened a memorial exhibition of R. Buckminster Fuller's work on June 4 at the University Center Gallery, Southern Illinois University at Edwardsville. A long-time associate of Fuller, Fitzgibbon worked with him on the "Old Man River" project, an architectural design for a dome which would have covered the entire city of East St. Louis. Fitzgibbon's drawings of the proposed project were included in the exhibition.

Sol L. Garfield, professor of psychology, has been appointed chairman of the National Institute of Mental Health's Psychosocial and Behavioral Treatments Subcommittee of the Treatment Development and Assessment Research Review Committee. It is a two-year appointment, effective July 1, 1984. Garfield also participated in a workshop on "Value Decisions in Appraising Change" at the annual meeting of the Society for Psychotherapy Research held in June at Lake Louise, Alberta, Canada.

William C. Kirby, assistant professor of history, has written a book, *Germany and Republican China*, which was published by Stanford University Press in May. In July, Kirby presented a paper on "Faschismus in China Chiang Kai-sheks" to the Orientalisches Seminar and the Historisches Seminar of the Albert-Ludwigs-Universitat, Freiburg, West Germany.

Merle Kling, former WU executive vice chancellor and provost, is serving as interim president of Mercy College, Dobbs Ferry, N.Y., for the 1984-85 academic year. He assumed the post July 17. Kling, who retired from WU in May 1983, agreed to serve as interim president while a search takes place for a permanent president of the 8,300-student four-year college.

Lucian Krukowski, professor of art and adjunct professor of philosophy, presented a paper, titled "Aufbau and Bauhaus, 'Essentialism' in Philosophy and Art," at the X International Congress of Aesthetics held in August in Montreal, Canada.

Bernard D. Reams Jr., professor of law and director of the Law Library, attended the American Association of Law Libraries' annual meeting in San Diego, June 30-July 4. His new publication in three volumes and co-compiled with Carol J. Fray is titled *The Numerical Lists and Schedule of Volumes of the United States Congressional Serial Set*, published by William S. Hein & Co. Inc., Buffalo, N.Y. He is the author of three chapters in Matthew Bender & Co. Inc.'s *Education Law*, titled "Federal, State, and Local Funding and Support of Education," "Foreign Scholars and Educational Visitors," and "Copyrights, Patents, and Trademarks in the Educational Community."

Patricia K. Shehan, assistant professor of music, received a joint U.S. Department of Education/Fulbright-Hays grant to study Indian History and Culture in Delhi, Calcutta, Madras, and Bombay this past summer. Her primary interests were a review of arts curriculum at the elementary and secondary levels, and observation of the instructional styles in music. A paper, "Toward Tolerance and Taste: Preference for World Music," was presented in absentia at the International Society of Music Education in Eugene, Ore., July 8-14.

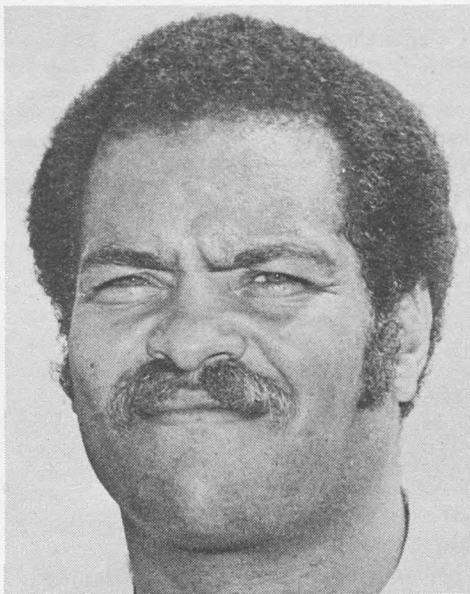
Arthur Wirth, professor of education, chaired a symposium on "The Rehumanization of Work" and read a paper on "Logotherapy and the Humanization of Work and Learning" at the Fourth World Congress of Logotherapy held in San Francisco in June. Wirth's book, *Productive Work in Industry and Schools*, has been selected by the American Education Studies Association Critics Panel as an outstanding recent book in educational studies.

Clifford Will, associate professor of physics, has been appointed chairman of a National Academy of Sciences/National Research Council committee on "Accuracy of Time Transfer in Satellite Systems." Sponsored by the Air Force Studies Board, the nine-member panel will spend the coming year assessing the accuracy with which Air Force scientists account for differences in the flow of time at different locations on and around the Earth predicted by Einstein's special and general theories of relativity. These differences are observable in the global network of satellites and atomic clocks maintained by the Air Force and other agencies for navigational and time-keeping purposes, and must be accommodated. The committee also will recommend programs to improve the accuracy of the network.

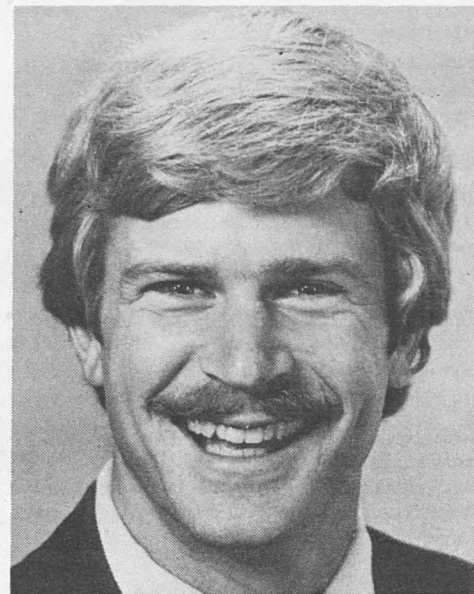
Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected an officer of a professional organization?

The *Washington University Record* will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your name, position, department and activity to Notables, Campus Box 1142. Please include a phone number where you can be reached.



Theodore M. Gibbons



Steven L. Gilbert

Gibbons appointed head track coach; Gilbert named new tennis coach

Theodore M. Gibbons has been appointed WU's head track coach and assistant football coach, and Steven L. Gilbert has been named men's head tennis coach and assistant football coach, announced John Schael, athletic director.

Gibbons joins WU after a six-year tenure at Brown University. He had served as an assistant track coach for four years, and was named head field events coach in 1983. Gibbons also was an assistant coach for the freshmen football program while at Brown University.

A native of Newport, R.I., Gibbons is credited for the vast improvement of the Bruin track program, evidenced by the field team scoring more points in their indoor championships than any other team in Brown's history.

Gibbons was the developer of the Brown interscholastic relays, co-developer of the university's field event clinic and Hammer chairman of Rhode Island for the U.S. Olympic

Development Committee. He is a 1970 graduate of the University of New York-Buffalo.

Gilbert has spent his previous four years in the collegiate ranks assisting various football programs. In 1980, he served as a quarterback and receiver coach at Upsala College, N.J. From 1981 to 1982 he was offensive line coach at the University of Pennsylvania, and in 1983 he served as defensive line coach at the University of San Diego.

During his tenure at both the University of Pennsylvania and University of San Diego, Gilbert also was the strength and conditioning coach.

The Freehold, N.J., native also has instructed tennis programs at both Indiana University and Freehold Township High School, N.J.

Gilbert earned his bachelor's degree in health, physical education and recreation at West Chester State College in 1979 and obtained a master's degree in physical education from Indiana University in 1980.

Woman's Club holds meeting, house tour

The Woman's Club of WU, a social organization that sponsors cultural and educational activities, is celebrating its 75th year of service to women faculty and staff and wives of faculty and staff.

The first meeting will be held at 7:30 p.m. Thursday, Sept. 20, at the University House, 6420 Forsyth Blvd. Elizabeth Danforth, wife of Chancellor William H. Danforth, will serve as hostess, and Eugene C. Monnig, a 1939 graduate of the School of Engineering, will present a slide show on "The First 100 Years of Washington University."

The meeting is open to all new members of the WU community. Interested persons should call Dina Feldman, president, at 727-2494, or Jan Kardos, membership vice president, at 863-0523.

The club also will hold a house tour from 10 a.m. to 4 p.m. Saturday, Oct. 27, beginning on campus at the Churchwell House, 6408 Forsyth. Other homes on the tour are University House, Alumni House, the

McDowell House and the Fischbach House. Cost of the tour is \$6.

For ticket information, call Michael Kyriakos at 822-4619. Proceeds from the house tour will sponsor a Woman's Club lecture in the University's Wednesday Assembly Series held in Graham Chapel.

Scholarships available for study in Japan

Applications are being accepted for the 1985 Monbusho scholarships, offered to graduate students interested in conducting research in the Japanese language at a Japanese university in the humanities, social sciences and natural sciences areas. Scholarships are available for a two-year research tenure from April 1985 to March 1987 or a one and one-half year research tenure from October 1985 to March 1987. Application deadline is Sept. 29. For more information, contact Ruth Iyob, Office of International Studies, at 889-5958.

CALENDAR

Sept. 13-22

Saturday, Sept. 15

8:30 a.m.-5 p.m. **Personal Computing Education Center Micro Computer Fair.** Lopata Gallery. For more info., call 889-5813.

Sunday, Sept. 16

4 p.m. **The Bookmark Society (WU Libraries) will present** "Gass on Elkin/Elkin on Gass," readings by Stanley Elkin, WU Merle Kling Professor of Modern Letters and also professor of English, and William H. Gass, WU David May Distinguished University Professor in the Humanities, and professor of philosophy. Olin Library. For more info., call 889-4670.

Noon-2 p.m. **Personal Computing Education Center Short Course**, "Using Interactive Computing with MUSIC Faculty Student Orientation." Free to WU community. To register and for location, call 889-5813.

8 p.m. **B'nai B'rith Hillel Foundation Graduate Student Wine and Cheese Party.** Hillel House, 6300 Forsyth.

Monday, Sept. 17

11 a.m.-1 p.m. **Personal Computing Education Center Short Course**, "100 Doing Interactive Computing with MUSIC." Free to WU community. (Also Sept. 18-21, same times.) To register and for location, call 889-5813.

Wednesday, Sept. 19

1-2 p.m. **Personal Computing Education Center Short Course**, "001 Introduction to Computing Facilities." Free to WU community. To register and for location, call 889-5813.

9 p.m. **Hillel Foundation Workshop for Children of Divorced Persons**, "Dealing with Divorce," Laya Firestone-Seghi, director of student activities at Hillel, and Helen Kornblum, a social worker. Friedman Lounge, Wohl Center.

Thursday, Sept. 20

9 p.m. **Homecoming "Turn It Loose Night"** at the Rathskeller and Gargoyle.

LECTURES

Thursday, Sept. 13

1:10 p.m. **George Warren Brown School of Social Work Colloquium**, "Recent Trend in Social Welfare and Social Security in Japan," Martha N. Ozawa, WU prof. of social work. Brown Hall Lounge.

2:30 p.m. **Department of Mechanical Engineering Seminar**, "A Distribution-Moment Model for Muscle," George I. Zahalak, WU prof. of mechanical engineering. 100 Cupples II.

4 p.m. **Department of Chemistry Seminar**, "Models for Heme Protein Electron Transfer," Dabney Dixon, WU prof. of chemistry. 311 McMillen.

Friday, Sept. 14

2:30 p.m. **Drosophila Discussion Group**, "The Shibre Mutant Alters Pattern Boundaries," Larry Salkoff, WU asst. prof. of neurobiology, and "Report on the EMBO Workshop on the Molecular and Developmental Biology of Drosophila," Ian Duncan, WU asst. prof. of biology. 309 Rebstock.

3 p.m. **Women's Studies Program Colloquium**, "Is Romance Dysfunctional?" Suzanna Rose, asst. prof. of psychology and women's studies at UMSL. Brown Hall Lounge.

Monday, Sept. 17

4 p.m. **Department of Biology Seminar**, "Neural Mechanisms of Complex, Sound Processing for Echolocation (Biosonar)," Nobuo Suga, WU prof. of biology. 322 Rebstock.

Tuesday, Sept. 18

8 p.m. **School of Fine Arts Lecture**, "Revoir Paris," William Quinn, WU prof. of art. Steinberg Aud.

Wednesday, Sept. 19

9:30 a.m. **The Monsanto Distinguished Lecture in Inorganic and Catalytic Chemistry**, "Activity Decline of Mono-and Bimetallic Catalysts for Paraffin Dehydrocyclization," Wolfgang M.H. Sachtler, prof. of chemistry, Northwestern U. Sponsored by Monsanto Co. and the WU Dept. of Chemistry. O. Bldg. 4 Aud., Monsanto.

11 a.m. **Assembly Series Lecture**, "The Future of American Women in Politics," Elizabeth Holtzman, district attorney, Kings County, N.Y., and former Congresswoman. Graham Chapel. Also sponsored by Women's Programming Board and Student Union.

3:30 p.m. **W.E.B. DuBois Lecture Series**, "Writing and Preserving the History of Afro-American Women: Problems and Prospects," Bettye Collier-Thomas, executive director, Bethune Museum-Archives Inc. Sponsored by the Black Studies Program. 100 Busch Hall.

7:30 p.m. **International Chinese Architecture Society Lecture**, "Designs by Architecture Students in Taiwan, Republic of China," William Tao, president, William Tao & Assoc., and Lei-Hook Mak, principal of Jones Mayer Architecture. Steinberg Aud.

Thursday, Sept. 20

1:10 p.m. **George Warren Brown School of Social Work Colloquium**, "Trip to the Soviet Union: Some Impressions," Shanti K. Khinduka, dean of George Warren Brown School of Social Work. Brown Hall Lounge.

2:30 p.m. **Department of Mechanical Engineering Seminar**, "Fracture of Unidirectional Composites: Theory and Applications," H. Thomas Hahn, WU prof. of mechanical engineering. 100 Cupples II.

4 p.m. **The Monsanto Distinguished Lecture in Inorganic and Catalytic Chemistry**, "Selectivity of Bimetallic Catalysts," Wolfgang M.H. Sachtler, prof. of chemistry, Northwestern U. Sponsored by Monsanto Co. and the WU Dept. of Chemistry. 458 Louderman.

4 p.m. **Public Affairs Thursday Lecture**, "Psychological Determinants of Presidential Behaviors," Robert Lefton, president of Psychological Associates. Sponsored by the Center for the Study of Public Affairs. C and D 200 Eliot.

8 p.m. **Department of English Colloquium**. Topic to be announced. Wayne Fields, WU assoc. prof. of English. Hurst Lounge, Duncker Hall.

8:15 p.m. **Asian Art Society Lecture**, "New Ways of Looking at Japanese Woodblock Prints," Roger Keyes, founder of Center for Study of Japanese Prints. Steinberg Aud.

Friday, Sept. 21

9 a.m. **Symposium on the Chemistry of the Catalytic Hydrogenation of Carbon Monoxide**. Sponsored by the Monsanto Co. and WU Dept. of Chemistry. O. Bldg. Aud., Monsanto.

2:30 p.m. **McDonnell Laboratory for Psychological Research Seminar**, "The Presentation of the Psychical in Print and Broadcast Media," Gordon Hoener, a psychic investigator. 117 Eads.

MUSIC

Thursday, Sept. 20

8:30 p.m. **Department of Music and the St. Louis Classical Guitar Society presents Michael Lorimer**, Baroque and classical guitarist, at Graham Chapel. Tickets are \$8 general admission and \$5 for children, full-time students and senior citizens, and can be purchased at the door.

Saturday, Sept. 22

1-3 p.m. **Lecture/demonstration**, "The Guitar — Then and Now," Michael Lorimer, Baroque and classical guitarist. Blewett B-8. General admission is \$10; St. Louis Classical Guitar Society members free. For more info., call 725-0739.

PERFORMANCES

Saturday, Sept. 22

8 p.m. **Edison Theatre presents the Missouri Repertory Theatre's production of "Come Back, Little Sheba."** The play, written by William Inge, is a drama of a couple's incompatibility and the resulting avalanche of fury. General admission is \$8; WU faculty, staff and other students, \$5; and WU students, \$4. For more info., call the Edison Theatre box office at 889-6543.



Jonathan Farwell and Barbara Huston portray Doc and Lola in the Missouri Repertory Theatre's production of "Come Back, Little Sheba," which opens the 1984-85 Edison Theatre season. William Inge's compelling portrait of partners in a troubled marriage will be presented at 8 p.m. Saturday, Sept. 22. For ticket information, call the box office at 889-6543.

EXHIBITIONS

"**Dame Ivy Compton-Burnett: A Centennial Exhibit.**" Through Sept. 15. Olin Library, 5th level, Special Collections, 8:30 a.m.-5 p.m. weekdays.

"**Artists from Fortune: Mark Twain Bancshares.**" Through Sept. 14. Bixby Gallery. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

"**Old Master Prints.**" Through Oct. 28. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For evening hours, call 889-5490.

"**The Modern Literature Collection: A 20-Year Celebration.**" Sept. 15-Nov. 1. Olin Library, 5th level, Special Collections, 8:30 a.m.-5 p.m. weekdays.

"**Modern Art from the Permanent Collection.**" Through Nov. 4. Gallery of Art, upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For evening hours, call 889-5490.

"**The WU Libraries at Your Service.**" Through Oct. 1. Olin Library, level 3. Regular library hours.

"**Classics in the Neurosciences.**" WU School of Medicine, Medical Library Annex, 615 S. Taylor. Through Dec. 31. Open weekdays, 8:30 a.m.-5 p.m.

"**Designs by Architecture Students in Taiwan, Republic of China,**" Sept. 19-Oct. 7. 9 a.m.-6 p.m. weekdays. First floor corridor, Givens Hall. For weekend hours, call 889-6200.

FILMS

Thursday, Sept. 13

7 and 8:45 p.m. **WU Filmboard Series**, "Chloe in the Afternoon." \$2. Brown Hall.

Friday, Sept. 14

8 and 10 p.m. **WU Filmboard Series**, "Carmen." \$2. Brown Hall. (Also Sat., Sept. 15, at 8 p.m., and Sun., Sept. 16, at 7 p.m., Brown.)

Midnight. **WU Filmboard Series**, "Monty Python and the Holy Grail." \$1.50. Brown Hall. (Also Sat., Sept. 15, at midnight, and Sun., Sept. 16, at 9 p.m., Brown.)

Monday, Sept. 17

7 and 9 p.m. **WU Filmboard Series**, "The Lady Vanishes." \$2. Brown Hall. (Also Tues., Sept. 18, same times, Brown.)

Wednesday, Sept. 19

7 and 9 p.m. **WU Filmboard Series**, "The Garden of the Finzi-Continis." \$2. Brown Hall. (Also Thurs., Sept. 20, same times, Brown.)

Thursday, Sept. 20

7 p.m. **Women's Film Series**, "The Female Line." Free. Lambert Lounge, Mallinckrodt Center. (Also Sept. 21, same time, Lee Dormitory Basement.)

Friday, Sept. 21

6:30 and 10:15 p.m. **Double Feature, WU Filmboard Series**, "Gregory's Girl," and at 8:15 p.m. and midnight "Local Hero." \$3. Brown Hall. (Also Sat., Sept. 22, "Gregory's Girl," same times, and "Local Hero," same times, and Sun., Sept. 23, "Gregory's Girl" at 7 p.m., and "Local Hero" at 8:45 p.m., Brown.)

SPORTS

Friday, Sept. 14

7 p.m. **Soccer**, WU vs. Cardinal Newman College. St. Louis Soccer Park.

Saturday, Sept. 15

10:30 a.m. **Women's Tennis**, WU vs. Quincy College. WU Tennis Courts.

1:30 p.m. **Football**, WU vs. Centre College. CBC High School, 6501 Clayton Road.

Wednesday, Sept. 19

7 p.m. **Soccer**, WU vs. Maryville College. St. Louis Soccer Park.

Calendar Deadline

The deadline to submit items for the Oct. 4-13 calendar of the *Washington University Record* is Sept. 20. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1142.

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